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इस भाग से भिन्न पृष्ठ संख्यां दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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Calcutta, the 15th July 2000

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Bose Road, Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS"
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पेटेंट कार्यालय
एकस्व तथा अधिकार
कलकत्ता, दिनांक 15 जुलाई 2000

पेटेंट कार्यालय के कार्यालयों के पर्यंत एवं क्षेत्राधिकार तथा मुम्बई, दिल्ली एवं बैंगलौर में इसके शाखा कार्यालय हैं। जिनके प्रादर्शिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं—

पेटेंट कार्यालय शाखा, टोडी इस्टडे, तीसरा तल, लोअर परले (प.), मुम्बई-400 013।

गुजरात, महाराष्ट्र, मध्य प्रदेश तथा गोवा राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा दीव एवं दादर और नगर हवेली।

तार पता-“पेटेंटिफिस”

फँस : 482 5092 फैक्स : 022 4950 622

पेटेंट कार्यालय शाखा, एक सं. 401 से 405, तीसरा स्ल, नगरपालिका बाजार भवन, सरस्वती मार्ग, करोल बाग, दिल्ली-110 005।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान, उत्तर प्रदेश तथा दिल्ली राज्य जेन्ट्रों एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता - “पेटेंटिफिक”

फँस : 578 2532 फैक्स : 011 576 6204

पेटेंट कार्यालय शाखा, बिंग सी (सी-4, ए), तीसरा तल, राजाजी भवन, वसन्त नगर, बैंगलौर-600090।

जान्म प्रदेश, कर्नाटक, करेल, तमिलनाडु तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्ष्मद्वीप, मिनिकाय तथा एमिनिदिवि द्वीप।

तार पता - “पेटेंटोफिस”

फँस : 490 1495 फैक्स : 044-490 1492

पेटेंट कार्यालय (प्रधान कार्यालय)
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय भवन 5, 6 तथा 7वां तल, 234/4, लाल्लार्ड जगदीश बोल सर्क, कलकत्ता-700 020।

भारत का अवशेष क्षेत्र।

तार पता - “पेटेंट्स”

फँस : 247 4401 फैक्स : 033 247 3851

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 1999 अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही प्रहण किये जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवै स्थित है, उस स्थान के अनुसूचित वैक से नियंत्रक को भुगतान योग्य वैक ड्रूफ्ट अथवा चैक द्वारा की जा सकती है।

APPLICATION FOR THE PATENT FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGDISH BOSE ROAD, CALCUTTA-700 020.

The dates shown in the crescent bracketed are the dates claimed under section 135, under patent act 1970.

10-05-2000

275/Cal/2000. Jainendra Kumar Singh. A smooth running castor.

276/Cal/2000. Sen Ranjan. Improved process for the production of stainless steels and high chromium steels and stainless steel produced thereby.

277/Cal/2000. American Home Products Corporation. A process for the manufacture of encapsulated pharmaceutical formulation. (Convention No. 08/964,328 filed on 5-11-1997 in U.S.A.). (Divided out of No. 1952/C/98 dated 3-1-98).

278/Cal/2000. Fianara International B.V. A coffee machine assembly. (Convention No. 1999 0910/99 filed on 12-5-1999 in Switzerland).

279/Cal/2000. Masada Resource Group, L.L.C. Method for separating acid and sugar obtained from liquids resulting from the acid hydrolysis of a material containing at least one of cellulose and hemicellulose. (Convention No. 60/054,676 filed on 4-8-1997 in U.S.A.; 09/042,587 filed on 17-3-1998 in U.S.A.).

280/Cal/2000. Indian Institute of Technology, Kharagpur and Southern Railway Chennai Division. Apparatus for measurement of spatial parameters of a distantly located object under static and dynamic conditions.

281/Cal/2000. Goodrick Group Ltd. Biodegradation of Plant Biomass and Enrichment through Microbial Consortium.

12-05-2000

282/Cal/2000. Eaton Corporation. Apparatus and associated method for supporting a vacuum interrupter sub-assembly during manufacture. (Convention No. 09/326,966 filed on 7-6-1999 in U.S.A.).

15-05-2000

283/Cal/2000. Lotte Co. Ltd. Cold confectionery and method of preparing the same. (Convention No. 11-135032 filed on 14-5-1999 in Japan).

16-05-2000

284/Cal/2000. Jadavpur University and West Bengal Surface transport Corporation Ltd. A novel power transmission device for safe plying of marine vessels.

285/Cal/2000. Jadavpur University and West Bengal Surface Transport Corporation. A novel safety device for use in marine vessels.

286/Cal/2000. OU, Chih-Tsung. Replaceable disposable blood collecting pen.

287/Cal/2000. Thomson Licensing S. A. Scan velocity modulation circuit with multi-mode operation. (Convention No. 09/320,481 filed on 26-05-1999 in U.S.A.).

17-05-2000

288/Cal/2000. Mitsui Chemicals Inc. Process for producing purified terephthalic acid. (Convention No. 136972/1999 filed on 18-05-1999 in Japan).

289/Cal/2000. Hyundai Motor Company. Synchronizer for manual transmission. (Convention No. 99 57981 filed on 15-12-1999 in Republic of Korea).

19-05-2000

290/Cal/2000. Applied Oxidation Technologies (2000) Inc. Waste water treatment method and apparatus. (Convention No. 2,272,596 filed on 21-05-1999 in Canada).

291/Cal/2000. Deutsche Thomson-Brandt GmbH. Apparatus for reading from or writing to optical recording media. (Convention No. 19924733.1 filed on 31-05-1999 in Germany).

292/Cal/2000. Deutsche Thomson-Brandt GmbH. Method for pre-processing data packets in a bus interface unit received via a communication bus and bus interface unit for use within this method as well as application data processing unit for use within this method. (Convention No. 99110490.2 filed on 31-05-1999 and 00250024.7 filed on 26-1-2000 in EPO).

293/Cal/2000. Indian Institute of Technology Kharagpur. An improved apparatus for ultrasonography using a continuous wave doppler system.

294/Cal/2000. Indian Jute Industries' Research Association. Novel woollenised jute yarn and an improved process for manufacturing the same.

ALTERATION OF DATE UNDER SECTION-16

184235 filed on 10-07-91.

691/Del/90. Anti dated to 13-12-89.

184250 Antidated to 25th August 1997.

(512/Cal/98).

Patent No. 184260 (2069/Mas/97). Ante-dated to September 19, 1996.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition

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Printed copies of the specification and drawings, if any, can be supplied by the Patent Office or its branch offices on payment of prescribed charges of Rs. 30/- each.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि संबद्ध वाकेवानों में से किसी पर पंटेंट अनुदान के विरोध करने के इच्छुक व्यक्ति, इसके नियम की तिथि से चार (4) महीने या अधिक एसी अवधि तक उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पंटेंट (संशोधन) नियम, 1999 के तहत विहित प्रूप 4 पर अगर आवंदित हो, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक एकत्र को उपयुक्त कार्यालय में एसे विरोध की सूचना प्रियोग प्रूप 7 पर दे सकते हैं। विरोध संबंधी लियेत वक्तव्य दो प्रतियों में साक्ष के साथ, यदि कोई हो, उक्त सूचना के आवधि या पंटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम-36 के तहत यथाविहित उक्त सूचना की तिथि से 60 दिन के भीतर फार्मल कर दिए जाने चाहिए।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्णीकरण, आखीरी बर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुकूल हैं।

विनिर्देश तथा वित्र आरेख, यदि कोई हो, की अंकित प्रतियों की आपूर्ति पंटेंट कार्यालय या उसके शास्त्र कार्यालयों से यथाविहित फॉटोप्रित शुल्क उक्त दस्तावेज के 10 रुपए प्रति पृष्ठ धन 30 रुपए की अदायगी पर की जा सकती है।

एसी पैरीस्थिति में जब विनिर्देश की अंकित प्रति उपलब्ध नहीं हो, विनिर्देश तथा वित्र आरेख, यदि कोई हो, की आपूर्ति प्रतियों की आपूर्ति पंटेंट कार्यालय या उसके शास्त्र कार्यालयों से यथाविहित फॉटोप्रित शुल्क उक्त दस्तावेज के 10 रुपए प्रति पृष्ठ धन 30 रुपए की अदायगी पर की जा सकती है।

Ind. Cl. : 50 D.

184231

Int. Cl. : B 60 H 1/00, B 64 D 33/00.

AN AIR CYCLE ENVIRONMENTAL CONTROL APPARATUS.

Applicant : UNITED TECHNOLOGIES CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA. OF UNITED TECHNOLOGIES BUILDING, HARTFORD, CONNECTICUT 06101, UNITED STATES OF AMERICA.

Inventor(s) : JOHN L. WARNER.

Kind of Application : Complete.

Application for Patent No. 511/Del/91 filed on 12-06-1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

14 Claims

An air cycle environmental control apparatus for conditioning water-vapor bearing compressed air for supply to an enclosure as conditioned air, comprising :—

a condensing heat exchanger (46) having a condensing flowpath and coolant flowpath in heat exchange relationship;

a first turbine (24) operable to expand the compressed air being conditioned so as to cool the compressed air (49) being conditioned to a first temperature;

a second turbine (26) operable to further expand the compressed air previously expanded in said first turbine (24) so as to cool the compressed air being conditioned to a second temperature;

delivery means (38, 48) for delivering the water-vapor bearing compressed air to be conditioned to the condensing flowpath of said condensing heat exchanger (46) wherein the water-vapor bearing compressed air passes through the condensing flowpath in heat exchange relationship with a cooling fluid passing through the coolant flowpath of said condensing heat exchanger (46) whereby the compressed air is sufficiently cooled to dehumidify the compressed air by condensing at least a portion of the water-vapor therefrom;

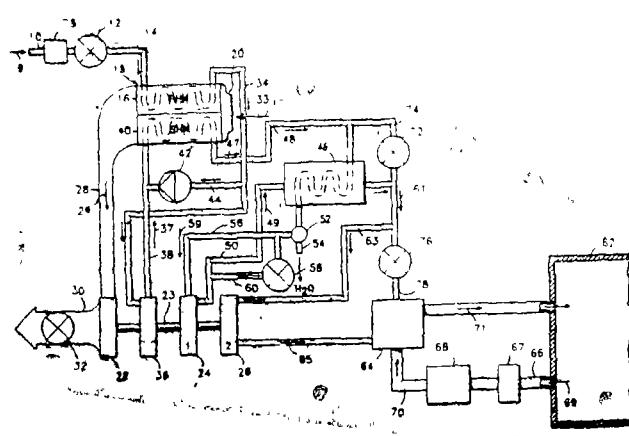
a first duct (56) in flow communication between said first turbine (24) and the condensing flowpath of said condensing heat exchanger (46) for conveying the dehumidified compressed air to said first turbine (24) to be expanded therein;

a second duct (56) in flow communication between said first turbine (24) and the coolant flowpath of said condensing heat exchanger (46) for conveying the compressed air expanded in said first turbine (24) to the coolant flowpath of said condensing heat exchanger (46) as said cooling fluid;

a third duct (61, 63) in flow communication between said second turbine (26) and the coolant flowpath of said condensing heat exchanger (46) for conveying compressed air passing from the coolant flowpath of said condensing heat exchanger (46) to said second turbine to be further expanded therein and

a fourth duct (65) in flow communication between said second turbine (26) and the enclosure (62) for delivering the air expanded in said second turbine (26) to the enclosure (62).

Agent : REMFRY & SAGAR.



Ind. Cl. : 35 B.

184233

Int. Cl. : B 65 G 47/00.

A NODULIZER SYSTEM FOR USE WITH A SINGLE OR PLURALITY OF VERTICAL SHAFT KILNS.

Applicant : NATIONAL COUNCIL FOR CEMENT & BUILDING MATERIALS OF M-10 SOUTH EXTENSION, PART II, RING ROAD, NEW DELHI-110049, INDIA, REGISTERED UNDER THE SOCIETIES ACT.

Inventors :

1. SUSHANTA CHATTERJEE, INDIAN
2. NARAPRA LAKSHMANA MURTHY, INDIAN
3. SINHESWAR SINHA, INDIAN
4. NARESH KUMAR, INDIAN
5. VIJAYAKUMAR AMBADIPADICKAL SUBHIYA RAMAKRISHNAN, INDIAN.

Kind of Application : Complete.

Application for Patent No. 621/Del/91 filed on 11-07-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

6 Claims

A nodulizer system for use with a single/plurality of vertical shaft kilns (19) comprising hoppers with proportioning means (4A, 4B, 4C, 4D) respectively for feeding the ingredients to constitute the raw mix into a raw mill (8) provided for grinding said raw mix, a first and second storage silo (10A, 10B) provided below the first and second blending silos (9A, 9B) respectively, a hopper 18 adopted to receive homogenised raw mix from said storage silos (10A, 10B) being provided to feed the homogenised raw mix to the nodulizer (21) being provided for each kiln (10) characterized in that a single storage silo being provided below said first and second blending silos, said silos being provided in the same horizontal plane such that to feed said homogenised mix to the nodulizer provided with a distributor and disposed in the proximity of said storage silo to feed the nodules to the shaft kilns through the reversible belt conveyor.

Agent : L. S. DAVAR & CO.

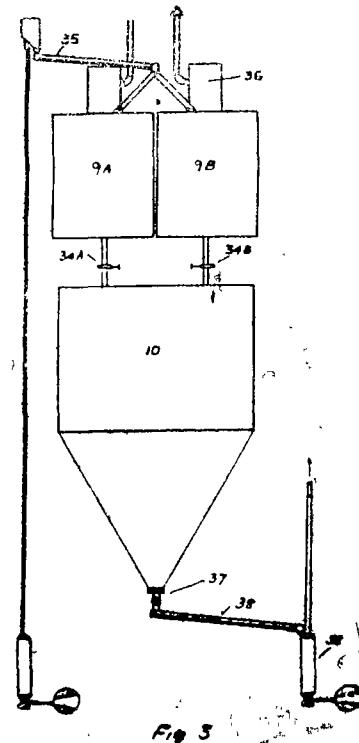


Fig. 3

(Compl. Specn. 18 Pages)

Drawn Sheets 8).

Ind. Cl. : 32E

184234

Int. Cl. : C 08 F 299/04

A PROCESS FOR THE PREPARATION OF NOVEL AMIDE ESTER TYPE SEGMENTED POLYMER.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER REGISTRATION OF SOCIETIES ACT.

Inventors :

- SURES CHANDRA BERA, INDIA.
- ZEIGNIEW JEDLINSKI, POLAND.

Kind of Application : Provisional-Complete.

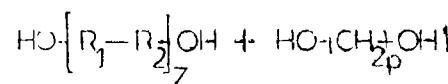
Application for Patent No. 648/Del/91 filed on 19-07-91.

Complete left after provisional filed on 22-11-91.

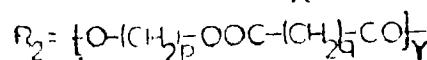
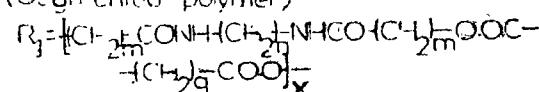
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

2 Claims

A process for the preparation of novel amide ester type segmented polymer of the formula C shown in figure-3



(Segmented polymer)



(C)

Fig. 3

which comprises reacting 5 to 95 parts of a hydroxyl terminated oligoamide-ester (hard oligomer-A) shown in Fig. 3 with 95 to 5 parts of another hydroxyl terminated oligoester (soft oligomer-B) shown in Fig. 3 continuous stirring under vacuum at a temperature in the range of 230-235°C.

Provl. Specn. 6 Pages;

Drgns. 2 Sheets.

Compl. Specn. 9 Pages;

Drgns. Sheet Nil.

Ind. Cl. : 80 C + D + K

184235

Int. Cl. : E03 B 7/07.

A DRINKING WATER FILTER FOR THE REMOVAL OF MICRO-ORGANISMS AND OTHER POLLUTANTS.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors :

1. RAVINDRA KUMAR SHARMA, INDIA
2. SANJAY KUMAR, INDIA AND
3. PRASANTA KUMAR RAY, INDIA.

Kind of Application : Complete.

Application for Patent No. 691/Del/90 filed on 10th July, 1990.

Divisional off of Patent Application No. 1181/Del/89 dt. 13-12-89.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

4 Claims

A drinking water filter for the removal of micro-organism and other pollutants, which comprises a cylindrical module (1) having a tapered bottom end (2), a support disc with holes (5) placed above the said tapered end (2) inside the said module (1), a polymer cloth (6) being placed above the said support disc (5), immobilised silver activated porous material (7) being packed above the said polymer cloth (6), another polymer cloth (8) being covered the said immobilised silver activated porous material (7), a plastic mesh (9) being placed the polymer cloth (8), a top lid (3) with holes (4) being placed above on the top of the said module (1), the said module (1), the polymer cloth (6, 8) & the plastic mesh (9) are made of non toxic material.

(Compl. Specn. 10 Pages)

Drng. 1 Sheet)

Ind. Cl. : 40B.

184236

Int. Cl. : B 01 j 23/00.

A PROCESS FOR THE PREPARATION OF A NOVEL POROUS CRYSTALLINE VANADIUM SILICATE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY, INCORPORATED UNDER REGISTRATION OF SOCIETIES ACT.

Inventors :

1. POLADI RAJA HARI PRASAD RAO, INDIA
2. ARUMUGAMANGALAM VENKATARAMAN RAMASWAMY, INDIA
3. PAUL RATNASAMY, INDIA.

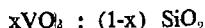
Kind of Application : Complete.

Application for Patent No. 765/Del/1991 filed on 22-08-1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

7 Claims

A process for the preparation of porous crystalline vanadium silicate having molar composition in the anhydrous state given by the formula :—



wherein x is from 0.003 to 0.2 characterised by an x-ray diffraction pattern as herein described, an infrared absorption spectral data as herein described, which comprises forming a gel by reacting conventional sources of a silicon oxide, (b) vanadium salt (c) a nitrogen containing organic base/cation having the formula R₂N wherein R represents n-butyl group and an alcohol having the formula R₁OH where R₁ represents an alkyl group having 2-5 carbon atoms, or a mixture of such alcohols in such a manner to get molar composition of 0.005-0.2 VO₂ : SiO₂ : 10-100 H₂O : 0.5 to 10 R₂N at 100 to 200°C for 1-10 days, filtering, washing, drying and calcining the resultant solid material at a temperature above 400°C to get the said porous crystalline vanadium silicate.

(Compl. Specn. 13 Pages)

Drng. Sheet Nil

Ind. Cl. : 51 D.

184237

Int. Cl. : B 26 B. 21/00.

SHAVING DEVICE.

Applicant : THE GILLETTE COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF PRUDENTIAL TOWER BUILDING, BOSTON, STATE OF MASSACHUSETTS, UNITED STATES OF AMERICA.

Inventors :

1. GARY RUSSELL MILLER, U.S.A.
2. CHESTER FREDERICK JACOBSON, U.S.A. AND
3. ROBERT ARTHUR TROTTA, U.S.A.

Kind of Application : Complete Specification.

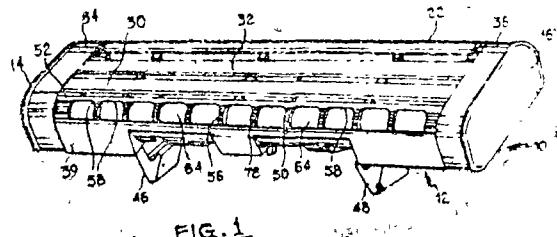
Application for Patent No. 891/Del/91 filed on 20th Sep. 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

22 Claims

A shaving device comprising a body (12) with guide means, (28) at least one blade unit 30/32 carried by said body (12) and having a cutting edge extending lengthwise said body (12), a housing assembly (50) carried by said body (12) adjacent said cutting edge of said at least one blade 30/32 unit, said housing assembly (50) having guide portions (62) disposed in said guide means, (28) a skin-engaging portion (54) disposed for skin-engagement adjacent said cutting edge, and a chamber (52) having a wall (60) with apertures (56) adjacent said skin-engaging portion, (54) a shaving aid material (64) disposed in said chamber (52) and transferable through said apertures (56) to the skin surface being shaved during the course of a shaving stroke, and biasing means (44) engageable with said housing assembly (50) and said body (12) for dynamic movement of said housing assembly (50) against aid biasing means (44) as guided by said guide means (28) in the course of shaving.

Agent : REMFRN & SAGAR



Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

3 Claims

An improved process for preparing a linear glucamide surfactant of the formula :—

from the reaction of a fatty acid ester and an N-alkyl-glucamine selected from the group consisting of N-methylglucamine, N-ethylglucamine, N-propylglucamine and N-butyrylglucamine, wherein R is alkyl residue of said N-alkylglucamine. R' is the residue of the fatty acid ester, comprising reacting said fatty acid ester and N-alkylglucamine having a heavy metal content of 20ppm or lower and a free sugar content of 5 weight percent or lower in the presence of from 2 mole percent to 10 mole percent, based on N-alkylglucamine, of a catalyst which is a member selected from the group consisting of trilithium phosphate, trisodium phosphate, tripotassium phosphate, tetrasodium pyrophosphate, tetrapotassium pyrophosphate, pentasodium tripolyphosphate, pentapotassium tripolyphosphate, lithium hydroxide, sodium hydroxide, potassium hydroxide, calcium hydroxide, lithium carbonate, sodium carbonate, potassium carbonate, disodium tartrate, dipotassium tartrate, sodium potassium tartrate, trisodium citrate tripotassium citrate sodium basic silicates, potassium basic silicates sodium basic aluminium silicates potassium basic aluminosilicates and mixtures thereof, whereby the conversion of N-alkylglucamine to glucamine surfactant is 80 mole percent or higher.

Compl. Specn. 26 pages :

Drgns. Sheet Nil

Int. Cl. : 120 B5, 120 C4

184239

Int. Cl.4 : C 10 G 1/00, 7/00

A PROCESS FOR THE PREPARATION OF ALUMINA PROPPANTS USEFUL FOR HYDRAULIC FRACTURING OF OIL AND GAS PRODUCING FORMATIONS.

Applicant : COUNCIL OF SCIENTIFIC & RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA.

Inventors :

DIPAK KUMAR DUTTA, INDIA
PINAKI SENGUPTA, INDIA
RANJU DUARAH, INDIA
AVINASH GARG, INDIA.

Kind of Application : Provisional-complete.

Application for Patent No. 1026/Del/91 filed on 24-10-91.

Complete left after Provisional filed on 26-10-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

11 Claims

A process for the preparation of alumina proppants useful for hydraulic fracturing of oil and gas producing formations which comprises mixing calcined alumina of fineness such that about 95% particles are below 40 micron and 65-70% below 10 micron size with water optionally in presence of sintering/fluxing aids such as titanium oxide/ironoxide, quartz fines, ground calcined bauxite and bentonite clay to form a dough, pelletizing the mixture to form green pellets, drying, calcining and sintering the pellets by conventional methods to

Agent : obtain the said proppants

Prov. Specn. 10 Pages;
Compl. Specn. 23 Pages;

Drgns. 2 Sheets.
Drgns. Nil Sheets.

Ind. Cl. : 108B 2(b)

184240

Int. Cl.4 : C 21C 1/08

AN IMPROVED PROCESS FOR THE PRODUCTION OF FUSED CAST PRODUCTS.

Applicant : COUNCIL OF SCIENTIFIC & RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventor : KALI CHARAN RAY, INDIA

Kind of Application : Complete.

Application for Patent No. 1200/Del/91 filed on 06-12-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

3 Claims

An improved process for the production of fused cast products which comprises :—

- (i) Crushing the raw materials such as mining waste, micaceous rock, stone chips in the following granulometry 77.8% of -5 to +14 mesh; 11.80% of -14 to +72 and 11.20% of -72 to +200 mesh BSS.
- (ii) Melting the said crushed material at a temperature range of 1350 to 1400°C,
- (iii) Adding 0.5 to 5.0% nucleating agent such as mill scale, rutile, of the raw material and mix thoroughly to get a homogeneous melt,
- (iv) Cooling the fused mass to the viscosity range (350 p at 1250°C and 90 p at 1400°C) and casting the same by known methods,
- (v) Annealing in the temperature range of 800 to 900°C with a soaking period of 2 to 3 hrs. for removing internal stress and cooling to room temperature.

Compl. Specn. 9 Pages;

Drgns. Sheet Nil.

Ind. Cl. : 206 E

184241

Int. Cl.4 : H 03 K 19/00

A PROGRAMMABLE LOGIC CONTROLLER WITH A USER DEFINED PORT AND PROTOCOL SYSTEM.

Applicant : SIMENS ENERGY & AUTOMATION, INC, OF DELAWARE OF 333 OLD MILTON PARKWAY ALPHARETTA, GA 30302, UNITED STATES OF AMERICA.

Inventors :

1. MITCHELL, RONALD.
2. FULTON, TEMPLE L.

Application No. 810/Cal/95 filed on 17-07-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A programmable logic controller with a user defined port and protocol system for a programmable logic controller, operable to communicate with external hardware, under one of a plurality of predefined communication protocols different from resident communication protocols of said programmable logic controller, said controller comprising :

a communications port (42) responsive to a predetermined condition for switching between a first mode of communications for communicating between the programmable logic controller and the external hardware using one of the plurality of communicating protocols, and a second mode of communications

for communicating between the programmable logic controller and a programming device (60) using one of the resident communication protocols;

a removable memory cartridge (52) for at least one of

(i) uploading the resident data from the memory to the removable memory cartridge and (ii) downloading the resident data to the memory from the removable memory cartridge;

processing means (22) coupled to the memory and coupled to the communications port, for transferring a plurality of data values between said programmable logic controller and said external hardware, and for detecting the predetermined condition and causing the communications port to switch from the second mode to the first mode of communications;

input means (44) for receiving input data values of the plurality of data values from said external hardware, said input means being coupled to said processing means; and

output means (46) for transmitting output data values of the plurality of data values to said external hardware, said output means being coupled to said processing means.

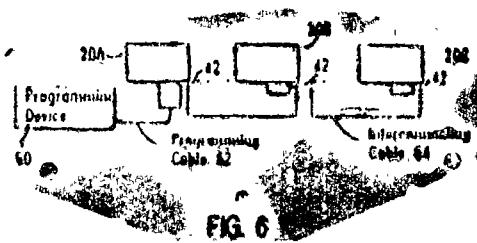


FIG. 6

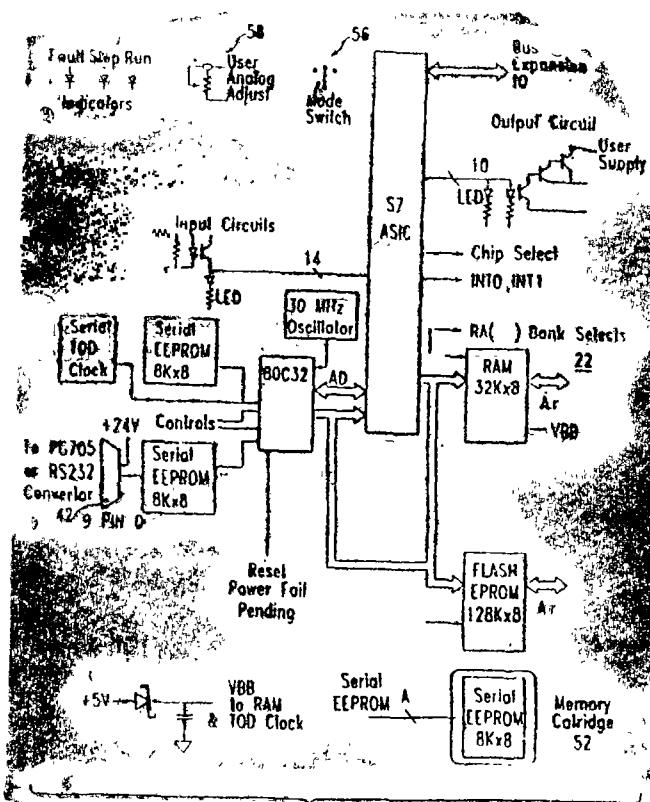


FIG. 7

Compl. Specn. 38 Pages;

Drgns. 07 Sheets.

Ind. Cl. : 206 E

184242

Int. Cl. : G 06 D 7/00

AN AUDIO VIDEO INTERACTIVE (AVI) SYSTEM FOR COMPRESSING AND DECOMPRESSING DATA FILES.

Applicant : OPEN TV INC. OF 401 E MIDDLEFIELD ROAD MOUNTAIN VIEW, CALIFORNIA 94043, UNITED STATES OF AMERICA.

Inventor : PANKAJ ROHATGI.

Application No. 811/Cal/95 filed on 17-07-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

2 Claims

An audio video interactive (AVI) system for permitting a compressed data file to be decompressed in-place, all within a single memory buffer using monotone compression/decompression technique and having an AVI signal decoder, comprising :

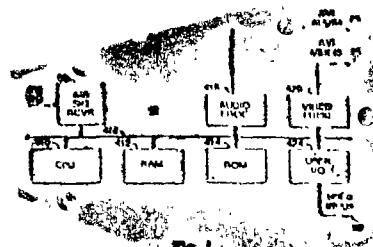
a system bus (416);

a processor (40) comprising a central processing unit CPU (410), a read/write RAM memory (412) and a read only ROM memory (414) coupled together via said system bus (416);

an allocated memory buffer (100) in said RAM (412) having the size of the decompressed file, the allocated memory buffer (100) comprising a first block and a second block, the first block for storing the adjusted monotone compressed file and the second block corresponding to a remaining portion of the allocated memory buffer not occupied by the monotone compressed file;

an AVI signal receiver (30) for receiving an AVI signal (5) and for processing the received signal, extracting packets forming the audio, video and interactive components for storing the data in the allocated memory buffer (100) in said RAM (412), output terminal of said AVI signal receiver (30) being coupled to said system bus (416);

an audio processor (418) and a video processor (420) coupled to said system bus (416) for reading and processing the stored data in the respective memory buffers (100) in RAM (412) to produce a respective AVI audio and video signals, and a user I/O adapter (424) coupled to said system bus (416) for receiving data from a user for interacting with the audio video program.



Compl. Specn. 16 Pages;

Drgns. 04 Sheets.

Ind. Cl. : 145 C

184243

Int. Cl. : B 29J 5/02

B 27 d 3/00, B 27 N 1/00, 3/00, 3/08

B 30B 9/00

A METHOD FOR FORMING A COMPOSITE BODY BY THERMOCOMPRESSION.

Applicant : KOYO SANGYO CO. LTD. OF 14-7 SHIMORENIA, KU 3-CHOME, MITAKA-SHI, TOKYO, JAPAN.

Inventors :

1. SHINJI TANZAWA
2. KATSUTOSHI SASAGAWA
3. MITSUMASA HORIKAWA
4. YASUO TAMURA
5. KOICHI KIMURA

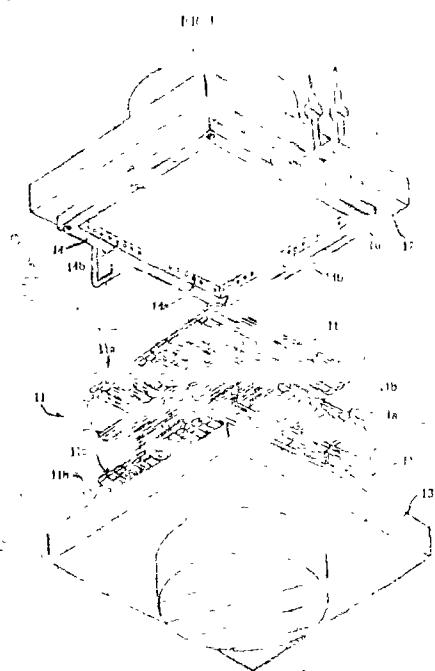
Application No. 923/Cal/95 filed on 08-08-1995

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta

7 Claims

A method for forming a composite body by thermocompression comprising the steps of :

- (a) inserting a workpiece as a sheet like article (11) comprising a woody material and an adhesive between upper heat plate (12) and lower heat plate (13) of a heating press apparatus (10);
- (b) surrounding the said workpiece with a spacer (14) having a thickness equal to that of the desired composite body;
- (c) moving the said heated plates towards each other to form an airtight compartment containing the said workpiece, the compartment being defined by the upper and lower heat plates and the spacer therebetween;
- (d) reducing gas pressure in the airtight compartment by evacuating gas therefrom, and
- (e) supplying steam or heated gas to the interior of the compartment to harden the adhesive.



Compl. Specn. 19 Pages;

Drgns. 5 Sheets.

Ind. Cl. : 187 H

184244

Int. Cl. : H 04 J-13/00

A MULTI BAND, MULTI MODE SPREAD SPECTRUM COMMUNICATION SYSTEM

Applicant : OMNI-POINT CORPORATION, OF 3, BETHESDA METRO CENTRE, SUITE 400, BETHESDA, MARYLAND 20814, U.S.A.

2—157GI/2000

Inventors :

1. SMITH DOUGLAS G.
2. VANDERPOOL JEFFREY S.
3. DIXON, ROBERT C.

Application No. 973/Cal/95 filed on 21-08-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

45 Claims

A multi band multi-mode spread spectrum communication system comprises :

a transmitter comprising

at least one frequency synthesizer;

a plurality of modulators coupled to said at least one frequency synthesizer said plurality of modulators comprising a plurality of transmission modes;

a first mode controller outputting a first mode selection signal coupled to each of said plurality of modulators;

a first filter coupled to an output of each of said plurality of modulators; and

a receiver

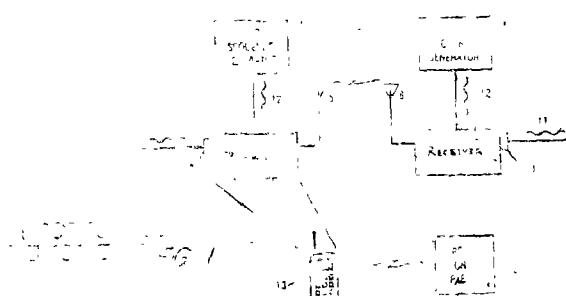
a second filter;

at least one other frequency synthesizer;

a frequency converter coupled to said second filter and coupled to said at least one other frequency synthesizer;

a plurality of demodulators coupled to said frequency converter, said plurality of demodulators comprising a plurality of reception modes;

a second mode controller outputting a second mode selection signal coupled to each of said plurality of demodulators.



Compl. Specn. 71 Pages;

Drgns. 30 Sheets.

Ind. Cl. : 206 B

184245

Int. Cl. : H 04 N-7/173

A SYSTEM FOR EMBEDDING VIEWER ACCESS CONTROL DATA WITHIN TELEVISION SIGNAL.

Applicant : VTECH COMMUNICATIONS LTD. OF 24/F, BLOCK 1, TAI PING INDUSTRIAL CENTRE, 57 TING KOK ROAD TAI PO, N. T. HONG KONG.

Inventors :

1. MING FONG.
2. NGAI MING TSANG.

(based on 1067/Cal/95 filed on 7-9-95).

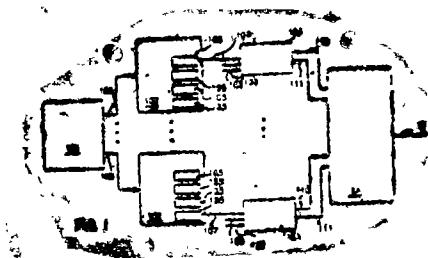
(Application No. 971/95, 659 or 7-6-95 in USA).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

7 Claims

A system for embedding viewer access control data within a television signal, said television signal including a sequence of television programs, said system having an encoder apparatus and a decoder, said encoder apparatus comprising data-base processor (101), a plurality of channel processor (102), a plurality of signal encoders (103), and signal combiner (104), the data base processor (101) being for generating a program category code (281) identifying at least one attribute of program content of an associated television program, and for changing said program category code during said associated television program, and there being provided channel controllers (105) in each channel processor (102), said channel controllers (105) being coupled to said television signal and said data base processor for inserting said program category code into said television signal,

Whereby an individual viewer is capable of precluding receipt of portions of said television programming identified by a corresponding program category code as containing a program content attribute for which said individual viewer has chosen to preclude viewing, said at least one attribute preferably comprising at least one attribute of a potentially offensive nature, and more preferably said at least one attribute of a potentially offensive nature being selected from the group consisting of violence, nudity, and profanity.



Compl. Specn. 51 Pages;

Drgns. 15 Sheets.

Ind. Cl. : 206 E 184246
Int. Cl. : H 04 B 1/16

RECEIVER HAVING AN ADJUSTABLE SYMBOL SLICE DEMODULATOR.

Applicant : KONINKLIJKE PHILIPS ELECTRONICS N.V. OF GROENEWOUDSEWEG 1, 5621 BA EINDHOVEN, THE NETHERLANDS.

Inventor : ANTHONY HILSON RICHARDS.

Application No. 1166/Cal/95 filed on 27-09-1995.

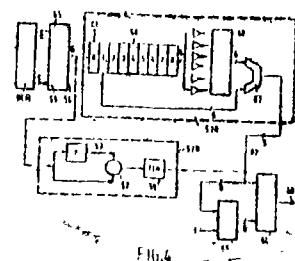
(Convention No. on 29-9-94 in UK)

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

10 Claims

An FSK receiver comprising means for receiving a signal, a demodulator having means for producing pulse like representations proportional to the difference between the instantaneous frequency of a received signal and a local oscillator signal, said means being responsive to a demodulated quadrature representation of the received signal, the demodulated quadrature representation of the received signal being developed as a function of the local oscillator signal, means for differentially filtering the pulse like representations to produce instantaneous representations of frequency, means for measuring peak excursions of the instantaneous representations of the frequency, wherein a difference between the peak excursion is proportional to the transmitted deviation frequency, means for calculating at least one symbol slice level from the difference between the peak deviations, and means for comparing

the instantaneous representations of frequency with the at least one slice level to obtain a data output.



Compl. Specn. 18 Pages;

Drgns. 6 Sheets.

Ind. Cl. : 186 E

184247

Int. Cl. : H03M - 13/22

A VIDEO RECEIVER SYSTEM FOR RECEIVING A SIGNAL.

Applicant : THOMSON CONSUMER ELECTRONICS, INC. OF 10330 NORTH MERIDIAN STREET, INDIANAPOLIS, INDIANA 46290-1024 UNITED STATES OF AMERICA.

Inventor : JOHN SIDNEY STEWART.

Application No. 1222/Cal/95 filed on 11-10-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Calcutta.

6 Claims

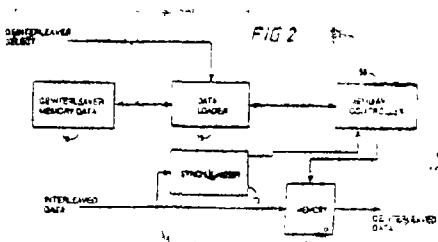
A video receiver system for receiving a signal representative of interleaved digital video data, comprising :

An input processor (12) having an input for receiving said signal representative of interleaved digital video data and a demodulator (14) for providing an interleaved data output;

a deinterleaving network (18) responsive to said interleaved data output and for performing one of a plurality deinterleaving functions to produce a deinterleaved output signal, comprising :

- (a) a synchronizer (27);
- (b) a source of a first deinterleaving function (20) coupled to said synchronizer;
- (c) a source of a different second deinterleaving function (25) coupled to said synchronizer;
- (d) selecting means (30) for providing to a memory means (35) one of the other of said deinterleaving functions in response to a control signal; and

an output signal processor (38-55) for processing said deinterleaved output signal.



Compl. Specn. 15 Pages;

Drgns. 2 Sheets.

Ind. Cl. : 105 D.

184248

Int. Cl. : G07C—1/08.

TIME RECORDER HAVING A CARD-TYPE JUDGING FUNCTION.

Applicant : AMANO CORPORATION OF 275, MAME-DO-CHO, KOHOKU-KU, YOKOHAMA-SHI KANAGAWA-KEN, JAPAN.

Inventors :

1. MASAYUKI MOCHIZUKI
2. MITURU SAITO

Application No. : 1253/Cal/95 filed on 17-10-1995.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

5 Claims

Time recorder having a card type judging function wherein a time card (TM) is inserted, daily working data is printed and when a set card (SK) is inserted, operation mode of the time recorder is switched to a mode read out from said set card, the said time card having a cut-out formed in a lower edge part and the said set card having another cut-out formed in a lower edge part, said cut-outs having different depths, respectively, and adapted to be used for discriminating said time card and set card one from the other, the said time recorder comprising :

a CPU (10) and a memory (11) connected to an interface circuit (13) through a bus (12) which constitute a main part of a control unit; connected to the said interface circuit (13) are a clock unit (14) for outputting a reference clock signal; a display unit (15); an alarm (16) for issuing an alarm sound when an operation error has occurred; a printing solenoid (17) of a printer for printing data on the time card; a card detecting sensor (2S) for detecting the said inserted cards; a card transport motor (4M) to advance the said inserted cards into the said time recorder and to eject the said cards from the said time recorder, an encoder sensor (3S) for detecting an amount of card advancement achieved; two mark sensors (6A, 6B) are arranged, side by side, on a card track and adapted to detect the depth of said cut-outs of said time card and set card which are selectively inserted in said time recorder; a mark sensor read-out result judging device (18) for judging the type of the inserted card by detecting the dept of said cut-out based on a difference in interval from the time when one of said mark sensors has detected a lower edge of said inserted card to the time when the other mark sensor detects an inner edge of said cut-out and a read level adjusting circuit (19) for automatically adjusting sensibility of read levels of said two mark sensors by causing said two mark sensors to read an automatic level adjusting region formed in said set card after the card-type has been judged.

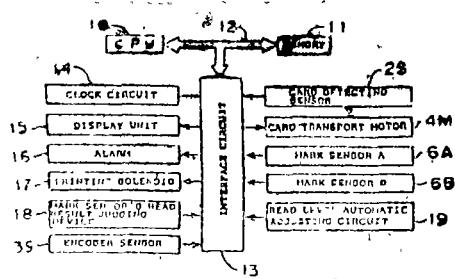


Fig. 2

(Compl. Specn. : 23 pages).

Drgns. : 08 sheets).

Ind. Cl. : 40 f.

184249

Int. Cl. : C 10G 11/18, B 01J 8/34.

AN APPARATUS FOR THE STRIPPING OF FLUIDIZED SOLIDS AND A PROCESS THEREFOR.

Applicant : SOCIETA ANONYME DITE : TOTAL RAFINAGE DISTRIBUTION S.A. OF TOUR TOTAL, 24, COURS MICHELET, 92800 PUTEAUX, FRANCE.

Inventors :

1. MARIE-ANDREE SENEGRAS
2. THIERRY PATUREAUX
3. PHILIPPE SELEM
4. JEAN-LOUIS MAULEON

Application No. 1612/Cal/95 filed on 11-12-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

18 Claims

An apparatus for stripping fluidised solid particles counter-currently to a gaseous stripping fluid, comprising :

a substantially vertical stripping enclosure (4, 4a); at least one duct discharging at the top of the enclosure, for introducing the particles;

at least one duct (10) connected to the base of the enclosure, for the removal of the stripped particles;

at least one line for removing the cracked charge;

at least one line (8) for supplying gaseous stripping fluid, discharging at the base of the enclosure (4a);

inside the enclosure a zone for circulating towards the base suspended particles counter-currently to said fluid;

said apparatus being characterised in that it comprises at least one packing (17, 18, 19) formed by at least one packing element whose passage section is essentially transversal to the axis of the enclosure, said element extending over the entire cross-section of the enclosure in the circulation zone and being formed by cells through which the particles and the stripping fluid pass, said cells directing substantially radically the circulation of fluid and the particles to be stripped, said cells being formed by an assembly of folded sheets constituting said packing element.

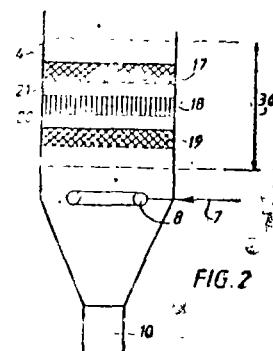


FIG. 2

(Compl. Specn. : 29 pages)

Drgns. : 4 sheets)

Ind. Cl. : 55 E4.

184250

Int. Cl. : A 61 K 31/09, C 07 C 43/115.

A PROCESS FOR PREPARING A NAPHTHYL COMPOUND.

Applicant : ELI LILLY & CO. OF LILLY CORPORATE CENTER, CITY OF INDIANAPOLIS, STATE OF INDIANA, UNITED STATES OF AMERICA.

Inventors :

1. HENRY UHLMAN
2. BRYANT
3. THOMAS ALAN CROWELL
4. CHARLES DAVID JONES
5. ALAN DAVID PALKOWITZ

Application No. : 512/Cal/98 filed on 25-08-1997.

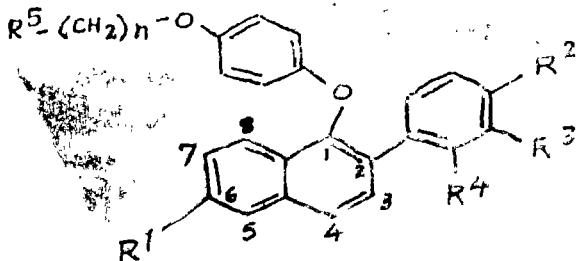
(Convention No. 60/025, 125 on 29-08-1996 in U.S.A.)

(Divided out of 1556/Cal/97; dated on 25-8-97).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

1 Claims

A process for preparing a compound of Formula I



where in

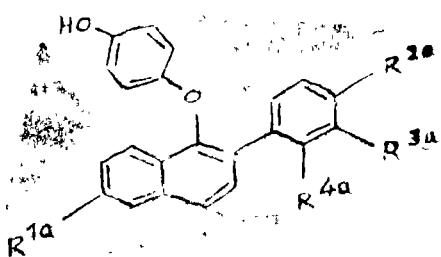
R^1 is $-H$, $-OH$, $-O(C_1-C_4)$ alkyl, $-OCOAr$ where Ar is phenyl or substituted phenyl, $-O(CO)OAr$ where Ar is phenyl or substituted phenyl, $-OCO(C_1-C_6)$ alkyl, $-O(CO)O(C_1-C_6)$ alkyl, or $-OSO_2(C_4-C_6)$ alkyl;

R^2 is $-H$, $-F$, $-Cl$, $-OH$, $-O(C_1-C_4)$ alkyl, $-OCOAr$ where Ar is phenyl or substituted phenyl, $-O(CO)OAr$ where Ar is phenyl or substituted phenyl, $-OCO(C_1-C_6)$ alkyl, $-O(CO)O(C_1-C_6)$ alkyl or $-OSO_2(C_4-C_6)$ alkyl;

R^3 and R^4 are, independently, $-H$, $-F$, $-Cl$, $-CH_3$, $-CH$, $-O(C_1-C_4)$ alkyl, $-OCOAr$ where Ar is phenyl or substituted phenyl, $-OCO(C_1-C_6)$ alkyl, $-O(CO)O(C_1-C_6)$ alkyl, or $-OSO_2(C_4-C_6)$ alkyl with the proviso that both R^3 and R^4 cannot be hydrogen; n is 2 or 3; and

R^5 is 1-piperidinyl, 1-pyrrolidinyl, methyl-1-pyrrolidinyl, dimethyl-1-pyrrolidinyl, 4-morpholino, dimethylamino, diethylamino, or 1-hexamethyleneimino; or a pharmaceutically acceptable salt or solvate thereof, which comprises :

(a) reacting a compound of formula IIb



wherein

R^{1a} is $-H$ or $-OR^6$ in which R^6 is a hydroxy protecting group;

R^{2a} is $-H$, $-F$, $-Cl$, $-OH$, $-O(C_1-C_4)$ alkyl, $-OCOAr$ where Ar is phenyl or substituted phenyl, $-OCO(C_1-C_6)$ alkyl, $-O(CO)O(C_1-C_6)$ alkyl, or $-OSO_2(C_4-C_6)$ alkyl;

R^{3a} is $-H$, $-F$, $-Cl$, or $-OR^7$ in which R^7 is a hydroxy protecting group;

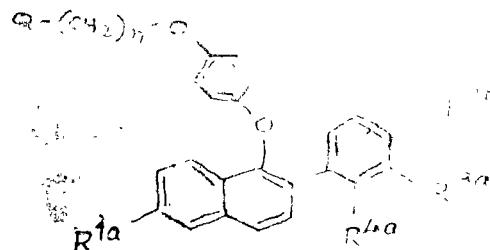
R^{4a} is $-H$, $-F$, $-Cl$, $-CH_3$, $-OH$, $-O(C_1-C_4)$ alkyl, $-OCOAr$ where Ar is phenyl or substituted phenyl, $-OCO(C_1-C_6)$ alkyl, $-O(CO)O(C_1-C_6)$ alkyl, or $-OSO_2(C_4-C_6)$ alkyl, with the proviso that both R^{3a} and R^{4a} cannot be hydrogen;

or a pharmaceutically acceptable salt or solvate thereof, with an alkylating agent of the formula



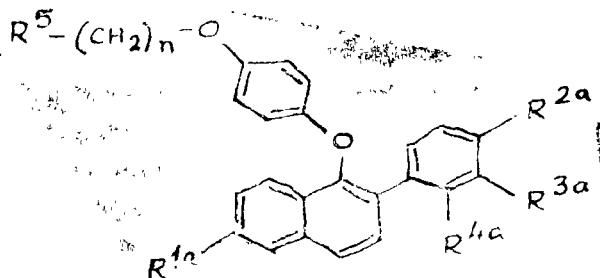
wherein n is 2 or 3, and Q' and Q each are the same or different leaving groups; in an alkali solution at a temperature between ambient and the reflux temperature of the solution;

to form a compound of formula VI



wherein R^{1a} , R^{2a} , R^{3a} , R^{4a} , n and Q are as defined above;

(b) reacting a compound of formula VI with 1-piperidine, 1-pyrrolidine, methyl-1-pyrrolidine, dimethyl-1-pyrrolidine, 4-morpholine, dimethylamine, diethylamine, or 1-hexamethyleneimine, in an inert solvent at a temperature between ambient and reflux, to form a compound of formula Ia



wherein R^{1a} , R^{2a} , R^{3a} , R^{4a} , n and R^{5a} are as defined above;

(c) optionally removing the hydroxy protecting groups, when present, of the product of step (b); and

(d) optionally forming a salt of the product of step (b) or step (c).

Ind. Cl. : 90 I

184251

Int. Cl.⁴ : C 03 C 4/08, 3/04.

A METHOD OF MAKING AN IR AND UV ABSORBING SODA LIME SILICA GLASS OF A NEUTRAL TINT.

Applicant : PILKINGTON PLC., A BRITISH COMPANY, ST. HELENS, MERSEYSIDE WA10 3TT, UNITED KINGDOM.

Inventors :

1. KENNETH MELVIN FYLES
2. HELEN LOUISE MCPHAIL

Application No. 050/Mas/94 filed on 27th January 1994.

Convention No. 9302186.3 on 04-02-1993 in UK.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

22 Claims

A method of making an IR and UV absorbing soda lime silica glass of a neutral tint, such as herein described, the said method comprising the step of adding Se and/or at least one colourant selected from Co_3O_4 , Nd_2O_3 , NiO , MnO , V_2O_5 , CeO_2 , TiO_2 and CuO to a glass composition having a ferrous iron content in an amount calculated from the equation :—

$$\% \text{ by weight FeO} \geq 0.007 + \frac{(\text{Optical density}-0.036)}{2.3}$$

and a total iron content expressed as Fe_2O_3 in the range 0.25—1.75% by weight to obtain the glass having, in a 4mm thickness, a visible light transmission of at least 72%, a UV transmission not greater than 25% and a direct solar heat transmission at least 7 percentage points below the visible light transmission.

Agent : M/s. Depenning & Depenning.

(Compl. Specn. : 23 pages;

Drgns. : 1 sheet)

Ind. Cl. : 206 I.

184252

Int. Cl.⁴ : H 04 B 17/00.

A COMMUNIATIONS SYSTEM.

Applicant : QUALCOMM INCORPORATED, A DELAWARE CORPORATION, 10555 SORRENTO VALLEY ROAD, SAN DIEGO, CALIFORNIA 92121-1617, USA.

Inventors :

1. ROBERTO PADOVANI
2. NOAM ZIV

Application No. 60/Mas/94 filed on 1st February 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

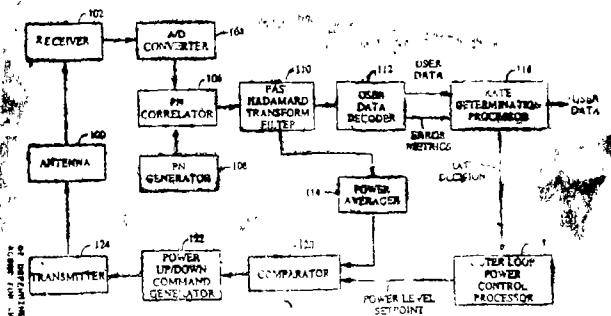
6 Claims

A communications system comprising a first station and a remotely located second station, said second station having a transmitter for transmitting at a predetermined power level a communication signal comprised of frames of data each encoded at a predetermined one of a plurality of data rates and a receiver for receiving power level information from said first station and responsive thereto for adjusting said power level characterised by a power level controller for controlling said power level comprising a power level detector connected to the output of a receiver at said first station for determining the power level of said communication signal as received at said first station; a rate decision generator connected to receive the output from said receiver for producing a rate decision for each frame of data in said received communication signal; a power level indicator coupled to

outputs of said power level detector and said rate decision generator for producing power level information in response to the output of the said rate decision indicator and said power level detector; and a transmitter connected to receive and transmit said power level information to said second station.

Reference : US 505609, 5103459.

Agent : M/s. Depenning & Depenning.



(Compl. Specn. : 25 pages;

Drgns. : 5 sheets)

Ind. Cl. : 172 D2.

184253

Int. Cl.⁴ : D 01 H—5/00.

A DRAFTING APPARATUS FOR DRAFTING A SLIVER IN A YARN SPINNING MACHINE.

Applicant : MASCHINENFABRIK RIETER AG, A SWISS BODY CORPORATE ORGANISED UNDER THE LAWS OF SWITZERLAND, CH-8406 WINTERTHUR, SWITZERLAND.

Inventors :

1. DR. HERBERT STALDER
2. PETER TOGGWEILER

Application No. 66/Mas/94 filed on 3rd February 1994.

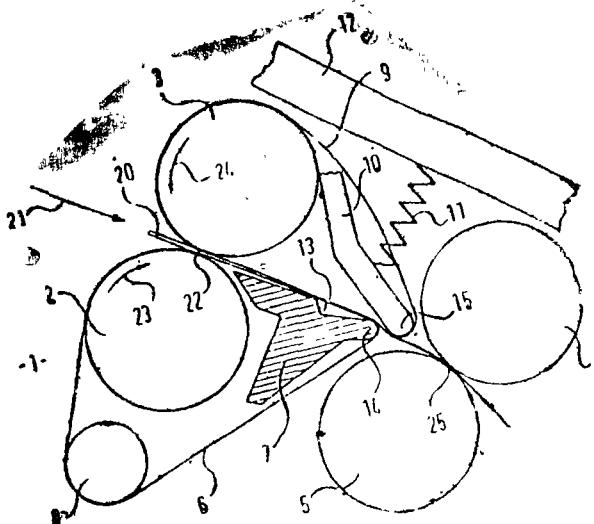
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

27 Claims

A drafting apparatus for drafting a sliver in a yarn spinning machine comprising upper and lower inlet rollers, upper and lower apron belts, upper and lower apron belt guides, and upper and lower outlet rollers, wherein said upper apron belt passes around said upper inlet roller and said upper apron belt guide, said lower apron belt passes around said lower inlet roller and said lower apron belt guide and cooperates with said upper apron belt to define an inlet nipping area between said belts for nipping the fiber sliver as it passes between said upper and lower inlet rollers while being sandwiched between said upper and lower apron belts, said sliver being nipped in said nipping area and being subsequently directed by said belts to a nip formed between said upper and lower outlet rollers, and wherein a nose region of one of said upper and lower apron belt guides, around which one of the apron belts is deflected, extends closer up to the inlet and outlet rollers than the other nose region of the other one of said upper and lower apron belt guides, around which the other apron belt is deflected, wherein said upper and lower apron belt guides have curved apron belt engaging surfaces over at least substantially the full length of contact with the respective apron belts as the belts pass from said upper and lower inlet rollers towards said nose regions, the upper and lower apron belt guides cooperate to define a generally S-shaped path for said sliver from

said inlet nipping area to the nip of said upper and lower outlet rollers, both of said apron belts lying substantially parallel to one another over at least the first curve of said S-shaped path following said nipping area, said sliver being guided thereafter by at least one apron belt.

Agent : M/s. Depenning & Depenning.



Ind. Cl. : 187 C 4

184256

Int. Cl. : H 04 M - 19/02

A TELEPHONE RINGING APPARATUS.

Applicant : AT & T CORP., OF 32 AVENUE OF THE AMERICAS NEW YORK, NEW YORK, 10013-2412, USA; A CORPORATION DULY ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF NEW YORK, U.S.A.

Inventor : JEFFREY ALLAN ROVIK.

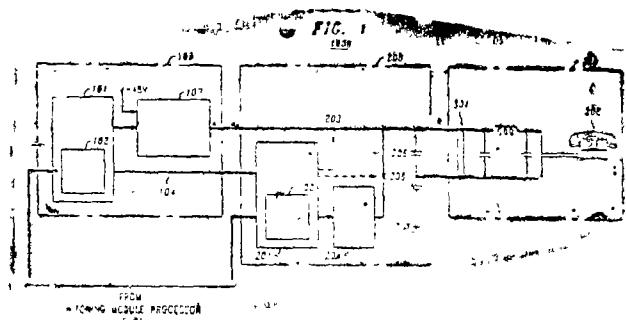
Application No. 158/Mas/94 filed on 7th March 1994.

Appropriate Office or Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

6 Clamis

A telephone ringing apparatus comprising ringing connection means for selectively effecting connection of ringing voltage to a telephone line, means for generating a periodic ringing voltage waveform which differs from a sinusoidal voltage waveform in that said sinusoidal voltage waveform includes intervals of duration during which the magnitude of said sinusoidal voltage waveform remains less than a predefined voltage threshold, whereas said ringing voltage waveform includes connect intervals of a longer duration ($d+x$) during which the magnitude of said ringing voltage waveform remains less than said predefined threshold, where x is a positive constant and where said ringing voltage waveform and said sinusoidal voltage waveform have the same rms value, means for transmitting said ringing voltage waveform to said ringing connection means; in the presence of a ringing voltage waveform, means for connecting said ringing voltage waveform to the telephone line only during one of said connect intervals, and in the presence of a ringing current waveform, means for disconnecting said ringing current waveform from said telephone line only during a disconnect interval.

Agents : M/s. De Penning & De Penning.



(Compl. Specn. : 16 Pages;

Drawing : 12 Sheets)

Ind. Cl. : 101 E

184257

Int. Cl. : G 01 F 1/32

A FLUID OSCILLATOR WHICH IS SYMMETRICAL RELATIVE TO A LONGITUDINAL PLANE OF SYMMETRY.

Applicant : SCHLUMBERGER INDUSTRIES SA OF 50 AVENUE JEAN-JAURES, 92120 MONTROUGE, FRANCE (A FRENCH COMPANY).

Inventor : BAO TUAN HUANG.

Application No. 595/Mas/94 filed on 5th July 1994.

Appropriate Office or Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

15 Claims

A fluid oscillator which is symmetrical relative to a longitudinal plane of symmetry (P), comprising :

— a fluid inlet (E) with an inlet opening (16) of width d for forming a two-dimensional fluid jet oscillating transversely relative to said longitudinal plane of symmetry (P).

— an oscillation chamber (18) connected at one end (18a) to the fluid inlet opening (16) and at its opposite end (18b) to a fluid outlet opening (20), the two openings being in alignment with the longitudinal plane of symmetry (P), and which has walls disposed on either side of said plane P.

— an obstruction (24) located in said oscillation chamber (18) and co-operating with the walls thereof to form passages (C1, C2) for flow of the fluid downstream in the fluid oscillator, said obstruction having a front part (26) in which cavity (40) is formed facing the fluid inlet opening (16) and a rear part (28) facing the fluid outlet opening (20) and defining a free space (38) at its end (24a) in conjunction with the fluid outlet opening, into which said passages (C1, C2) discharge, said obstruction (24), front part (26), cavity (40), and passages (C1, C2) forming eddies to either side of the jet and allowing the fluid to flow downstream in the fluid oscillator, the said eddies being influenced by the downstream flow of the fluid, said fluid oscillator further comprises means for limiting the influence of the flow of the fluid downstream on the oscillation of the eddies comprise a longitudinal part (54, 58, 60, 62) which is disposed in alignment with the openings (16, 20) and at least partially within the free space (38), in such a manner as to separate this partially into two identical regions (38a, 38b), while forming at least one communicating channel (56, 64, 66, 68) for the fluid between said regions, said communicating channel having a mid flow section contained in the longitudinal plane of symmetry (P).

Agents : M/s. De Penning & De Penning.

Ref. to : French Patent : FR 2690717

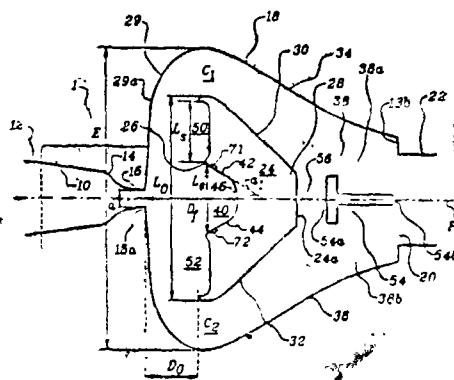


FIG. 2

(Compl. Specn. 23 Pages;

Drawing : 8 Sheets)

Ind. Cl. : 24 D 3

184258

Int. Cl. : B 60 T 15/00

ELECTROMAGNETIC DC OPERATED TWO PORT TWO POSITION HYDRAULIC ISOLATION VALVE.

Applicant : BRAKES INDIA LIMITED, AN INDIAN COMPANY OF PADI, CHENNAI-600 050, INDIA.

Inventors :

1. VTVS. RAMACHANDRA RAO
2. L. S. RAJARAM
3. B. NAGARAJENDRA GOWD
4. SIDDANAGOUDE SANKANAGOUDE
5. S. THENMOZHI
6. M. V. APPALA RAJU.

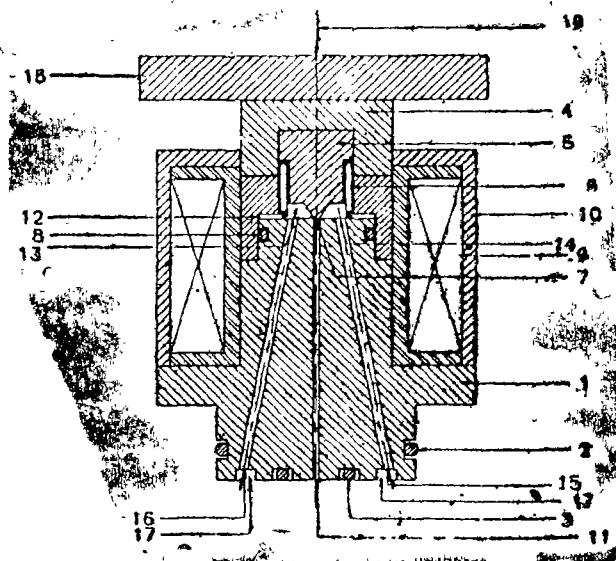
Application No. 806/Mas/94 filed on 25th August 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

4 Claims

A electromagnetic D. C. operated two port position normally open hydraulic isolation valve consisting of a plunger (5), guided in a bimetallic magnetic and non-magnetic material member (4) by a spring (6) and housed in a base (1) surrounded by an electromagnetic coil (9) covered with a magnetic material member (10), which upon excitation of the electromagnetic coil (9) from a D.C. power source closes the port (7) against the spring (6) to cut off communication between master cylinder and wheel cylinder during an Anti-lock brake cycle of an automobile.

Agent : Mr. R. Ramachandran.



Com. Specn. 7 pages

Drawing 1 Sheet

Ind. Cl. : 17 A₃, D

184259

Int. Cl. : A 23 L 2/16.

A PROCESS FOR PREPARING BEVERAGES BY PRESERVING FRUIT JUICES, COCONUT WATER AND THE LIKE AND A PRESERVATIVE COMPOSITION THEREFORE.

Applicant : DUTTATHRIYA MARIDAS RAO, AN INDIAN NATIONAL, OF "KAMAL" 22/1244 TIRUVANOOR, MANKAV KADAV ROAD, TIRUVANOOR (CALCUT 22, KERALA).

Inventor : DUTTATHRIYA HARIDAS RAO.

Application No. 1358/Mas/95 filed on 20th Oct. 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

9 Claims

A process for preparing beverages by preserving fruit juice, coconut water and the like comprising filtering the said juice or coconut water, adding a preservative composition consisting of 1 to 5% by volume of coconut vinegar of 8% strength and pH 3, 0.01 to 2% by volume each of garlic oil, onion oil, cummin seed oil, aniseed oil, ginger oil, Ajwain oil and P-amino benzoic acid and 5 ml of 2%

extract of Acuba Taporica, subjecting the resulting composition to ultra filtration, ultra violet radiation treatment and aeration before packing.

Agents : M/s. De Penning & De Penning

Com. Specn. 11 pages

Drawing : Nil Sheets

Ind. Cl. : 32 F 1

184260

Int. Cl. : C 07 C 103/00

A PROCESS FOR THE PRODUCTION OF AN ALPHA-HALO-N-HALOMETHYL ACETANILIDE.

Applicant : ZENECA LIMITED OF 15 STANHOPE GATE, LONDON W1Y 6LN, ENGLAND (A CORPORATION OF GREAT BRITAIN).

Inventors :

1. KAMBIZ JAVDANI.
2. LOUIE AKOS NADY.
3. PING HUEI SIH.
4. GILBERT RODRIZUEZ.

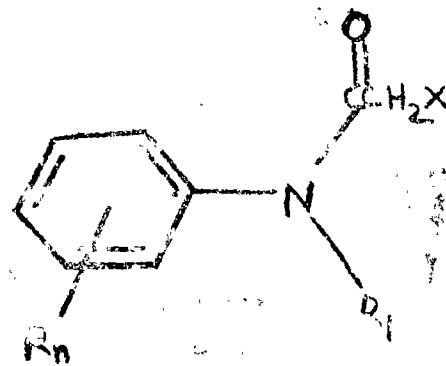
Application No. 2069/Mas/97 filed on 18th September 1997.

Divisional to Patent Application No. 1656/Mas/96; Ante-dated to 19th September 1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

6 Claims

A process for producing an alpha halo-N-halomethyl acetanilide of the formula



in which R represents hydrogen, alkyl, alkoxy or halogen, n is a value ranging from 1 to 5, R₁ is halomethyl and X is a halogen atom comprising haloacetylating an aromatic azomethine produced by continuously reacting an aniline with formaldehyde while continuously evaporating the water of reaction therefrom, the said formaldehyde being obtained by contacting para formaldehyde with 0.25 to 3 mole equivalents of an aliphatic alcohol having 1 to 4 carbon atoms in the presence of a catalytic amount of an organic or inorganic base, with a known haloacetylating agent and recovering the alpha halo-N-halomethyl acetanilide therefrom by known methods.

Ref. cited : Indian Patent Appln. No. : 1656/Mas/96 US Patent Nos. : 4097262 & 5399759

Agents : M/s. De Penning & De Penning

Compl. Specn. 19 Pages

Drgns. Nil Sheet.

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970

In pursuance of the leave granted under Section 20(1) of the Patents Act, 1970 application No. 940/Cal/95 (183246) made by MANFRED SCHANZ has been allowed to proceed in the name of EROWA AG.

OPPOSITION PROCEEDINGS

An opposition entered by M/s. HAWKINS COOKERS LTD. to the grant of a patent to the application No. 164065 (29/Bom/86) has been disposed off. The said application for patent has been treated as abandoned and "NO PATENT" shall be granted.

An opposition entered by M/s. Cito-System GmbH, Germany to the grant of a patent Application No. 182872 (886/Mas/93) has been treated as abandoned and "NO PATENT" shall be sealed.

RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 169663 granted to ALUMINIUM PECHENNEY for an invention relating to A method of manufacturing baked anodes intended for the production of aluminium by electrolysis.

The Patent ceased on the 18-5-99 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 17th June 2000.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M. S. O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700020 on or before the 15th September, 2000 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 171582 granted to LUOYANG PETRO-CHEMICAL ENGINEERING CORPORATION, SINOPEC (LPEC) & INSTITUTE FRANCAIS DU PETROLE for an invention relating to

The Patent ceased on the 17-05-99 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 3rd June, 2000.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M. S. O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700020 on or before the 15th September, 2000 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 174163 granted to MADURAI GOPI, for an invention relating to Metalic and non-metalic safe tyres.

The patent ceased on the 19-04-1999 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 3rd June, 2000.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M. S. O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700020 on or before the 15th September, 2000 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application for restoration of patent No. 177760 dt. 8-6-1987 made by MOTOROLA INC. on the 18-05-1998 and notified in the Gazette of India, Part III, Section 2, dt. 14-08-99 has been allowed and the said patent restored.

Notice is hereby given that an application for restoration of patent No. 177795 dated the 6th Jan, 1993 made by Smt. Chhabli Ghosh, Sri Prasanta Kumar Ghosh and Sri Susanta Ghosh on the 25th August, 1999 and notified in the Gazette of India, Part III, Section 2, dt. 4-3-2000 has been allowed and the said patent restored.

Notice is hereby given that an application for restoration of patent No. 179216 dt. the 6-10-93 made by Branimir Presivic & Milc Previsic on the 1-3-99 and notified in the Gazette of India Part III, Section 2, dt. 14-08-99 has been allowed and the said patent restored.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 181120 granted to SEQUE CORPORATION for an invention relating to An apparatus for reworking cylindrical articles.

The Patent ceased on the 28-09-99 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 3rd June, 2000.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M. S. O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700020 on or before the 15th September, 2000 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of patent No. 181965 granted to M/s. WIDIA GMBH for an invention relating to cutting tool inserts.

The patent ceased on the 14-01-2000 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 3rd June, 2000.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M. S. O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700020 on or before the 15th September, 2000 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

RENEWAL FEES PAID

180938	175392	175475	182384	182820	178577	181688
173190	176390	171891	183047	182816	182817	182892
182787	182819	169425	169917	176950	171000	183093
183094	178074	182160	181392	183044	166972	170484
183098	167429	168406	169426	170247	170618	171000
170997	171563	172040	170138	171755	171812	172457
172889	172881	173875	175476	178076	178731	179117
179186	180157	181393	181407	181474	182011	182391
182389	166210	166977	181472	181475	180938	182388

PATENT SEALED ON 16-06-2000

182588*D 182791* 182797* 182947*D 183096*D 183159*D
 183180*D 183335 183371 183372 183373 183374* 183375
 183376*D 183377 183378 183379 183380*.

CAL - 13, DEL - 01, MUM - 04, CHEN - NIL.

*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug Patents

F—Food Patents

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of registration included in the entries.

Class 1. No. 181098, Pravinbhai Jagjivandas Mehta, Indian national, at Room No. 4, Pratap House Bull's Roy Colony, Vakola Bridge, Santacruz (E), Mumbai-400055, Maharashtra, India. "Vapour Box", 17 December 1999.

Class 1. No. 181105, Nilesh Chandrakant Shah, Indian national, at 6, Panchvati Society, New Junction Road, Surendranagar 363001 Gujarat India. "Toroidal Tank for use in automobile vehicle", 17 December 1999.

Class 3. No. 181068, Sunil Charla, Indian, 4, Malkaganj, Delhi-110007, India. "Pen", 13 December 1999.

Class 3. 181199, Mundhra Polycom (P) Ltd., of 222, Nirman Industrial Estate, Chincholi Link Road, Malad(W), Mumbai-400064, Maharashtra, India. "Comb", 30 December 1999.

Class 3. No. 181206, Merz & Krell GmbH & Co., of Bahnhofstrasse 76, 64401 Gross-Bieberau, Germany, a German Company. "Ball Pen", 31 December 1999.

Class 3. No's. 181265 & 181269, M/s. Vishesh Enterprises, an Indian proprietary firm, A/204, Claridge, Samarth Nagar, Cross Road No. 3, Lokhandwala Complex, Andheri(W), Mumbai-400053, Maharashtra, India. "Tooth Brush", 10 January 2000.

Class 3. Nos. 181400 & 181401, Govind Rubber Ltd., An Indian company, at 318, Creative Industrial Estate, N. M. Joshi Marg, Mumbai-400011, Maharashtra, India. "Cycle Tyre", 24 January 2000.

N. R. SETH
 Dy. Controller of Patents & Designs

प्रबन्धक, भारत सरकार मुद्रणालय, फरीदाबाद द्वारा मूर्दित

प्रावं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 2000

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